

13 sheets, and,

14 2) a second set of electrically conductive windings, at least one
15 of said windings of said second set of electrically conductive
16 windings contained between two adjoining layers of said dielectric
17 sheets; and,

18 d) at least one electrically conductive trace extending between said
19 first set of electrically conductive windings and said second set of
20 electrically conductive windings, said at least one electrically conductive
21 trace totally contained between two adjoining layers of said dielectric
22 sheets.

1 17 21. The power processing device according to claim 20, further
2 including, an output choke having,

3 a) a third core extending through said layers of dielectric sheets;

4 b) a third set of electrically conductive windings, at least one of
5 said windings of said third set of electrically conductive windings contained
6 between two adjoining layers of said dielectric sheets; and,

7 c) at least one trace extending between said first set of electrically
8 conductive windings and said third set of electrically conductive windings,
9 said at least one trace totally contained between two adjoining layers of said
10 dielectric sheets.

1 18 22. A power processing device comprising:

2 a) a multilayer printed circuit board having multiple layers of
3 dielectric sheets;

4 b) a first magnetic element having,

5 1) a first core extending through said layers of dielectric
6 sheets, and,

7 2) a first set of electrically conductive windings, at least one
8 of said windings of said first set of electrically conductive

9 windings contained between two adjoining layers of said dielectric
10 sheets;

11 c) a second magnetic element having,

12 1) a second core extending through said layers of dielectric
13 sheets, and,

14 2) a second set of electrically conductive windings, at least one
15 of said windings of said second set of electrically conductive
16 windings contained between two adjoining layers of said dielectric
17 sheets; and,

18 d) at least one electrically conductive trace extending between said
19 first set of electrically conductive windings and said second set of
20 electrically conductive windings, said at least one electrically conductive
21 trace totally contained between two adjoining layers of said dielectric
1.126 sheets.

19 23. The power processing device according to claim 20, further
2 including, a third magnetic element having,

3 a) a third core extending through said layers of dielectric sheets;

4 b) a third set of electrically conductive windings, at least one of
5 said windings of said third set of electrically conductive windings contained
6 between two adjoining layers of said dielectric sheets; and,

7 c) at least one trace extending between said first set of electrically
8 conductive windings and said third set of electrically conductive windings,
9 said at least one trace totally contained between two adjoining layers of said
10 dielectric sheets.

REMARKS

By this preliminary amendment, claims 20-23 have been added. No new matter is involved as the original specification, drawings, and claims fully